

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081220\
 Data File : VN062899.D
 Acq On : 13 Aug 2020 9:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 10:55:55 AM

Quant Time: Aug 13 10:47:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	138286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	229727	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	225351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123382	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	117214	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
35) Dibromofluoromethane	7.54	113	79325	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.06	98	309482	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.38	95	126057	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	90243	45.573	ug/l	100
3) Chloromethane	2.04	50	77230	41.329	ug/l	96
4) Vinyl Chloride	2.16	62	78400	44.732	ug/l	98
5) Bromomethane	2.48	94	55097	47.489	ug/l	99
6) Chloroethane	2.58	64	55652	48.266	ug/l	95
7) Trichlorofluoromethane	2.91	101	169074	54.099	ug/l	99
8) Diethyl Ether	3.36	74	48130	53.796	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.67	101	67714	53.789	ug/l	97
10) Methyl Iodide	3.88	142	75164	49.621	ug/l	98
11) Tert butyl alcohol	4.82	59	62110	165.713	ug/l	99
12) 1,1-Dichloroethene	3.65	96	62736	53.350	ug/l	97
13) Acrolein	3.56	56	30052	132.428	ug/l	96
14) Allyl chloride	4.25	41	91285	37.704	ug/l	97
15) Acrylonitrile	4.93	53	185017	212.830	ug/l	99
16) Acetone	3.79	43	179309	216.999	ug/l	98
17) Carbon Disulfide	3.97	76	148394	44.275	ug/l	100
18) Methyl Acetate	4.27	43	113672	58.351	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	258918	48.326	ug/l	99
20) Methylene Chloride	4.49	84	75608	49.999	ug/l	93
21) trans-1,2-Dichloroethene	4.96	96	62111	44.883	ug/l	97
22) Diisopropyl ether	5.90	45	240573	46.677	ug/l	98
23) Vinyl Acetate	5.84	43	728476	185.825	ug/l	98
24) 1,1-Dichloroethane	5.78	63	136617	45.232	ug/l	99
25) 2-Butanone	6.80	43	215070	183.771	ug/l	98
26) 2,2-Dichloropropane	6.77	77	51883	18.635	ug/l	90
27) cis-1,2-Dichloroethene	6.77	96	76828	46.280	ug/l	88
28) Bromochloromethane	7.15	49	62872	43.131	ug/l	95
29) Tetrahydrofuran	7.17	42	150729	198.246	ug/l	96
30) Chloroform	7.32	83	150166	46.783	ug/l	98
31) Cyclohexane	7.61	56	120120	43.325	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	134974	47.032	ug/l	99
36) 1,1-Dichloropropene	7.75	75	96525	43.152	ug/l	97
37) Ethyl Acetate	6.89	43	82037	35.109	ug/l	98
38) Carbon Tetrachloride	7.72	117	117650	44.471	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	117615	43.691	ug/l	97
40) Benzene	8.00	78	292438	43.812	ug/l	96
41) Methacrylonitrile	7.14	41	44463m	42.169	ug/l	
42) 1,2-Dichloroethane	8.08	62	130193	45.827	ug/l	99
43) Isopropyl Acetate	8.13	43	146274	37.531	ug/l	98
44) Trichloroethene	8.80	130	71911	44.220	ug/l	98
45) 1,2-Dichloropropane	9.08	63	80851	44.754	ug/l	95
46) Dibromomethane	9.17	93	53236	44.975	ug/l	97
47) Bromodichloromethane	9.37	83	123843	46.584	ug/l	100
48) Methyl methacrylate	9.17	41	77053	40.194	ug/l	98
49) 1,4-Dioxane	9.18	88	26971	759.295	ug/l	99
51) 4-Methyl-2-Pentanone	9.96	43	465579	184.629	ug/l	99
52) Toluene	10.12	92	189712	46.033	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	114278	39.079	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	118689	40.425	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	78399	44.541	ug/l	96
56) Ethyl methacrylate	10.40	69	114743	43.309	ug/l	99
57) 1,3-Dichloropropane	10.68	76	132098	44.169	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	160666	214.541	ug/l	99
59) 2-Hexanone	10.73	43	335054	178.122	ug/l	99
60) Dibromochloromethane	10.88	129	92510	46.056	ug/l	100
61) 1,2-Dibromoethane	10.98	107	78134	44.986	ug/l	98
64) Tetrachloroethene	10.60	164	67349	46.320	ug/l	100
65) Chlorobenzene	11.41	112	202649	43.019	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	84175	44.497	ug/l	98
67) Ethyl Benzene	11.49	91	376935	44.715	ug/l	96
68) m/p-Xylenes	11.60	106	279339	91.287	ug/l	98
69) o-Xylene	11.92	106	133416	46.525	ug/l	97
70) Styrene	11.94	104	231807	45.988	ug/l	99
71) Bromoform	12.10	173	63341	40.924	ug/l #	100
73) Isopropylbenzene	12.23	105	371906	40.030	ug/l	99
74) N-amyl acetate	12.05	43	117951	31.328	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	109728	33.550	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	103461m	31.093	ug/l	
77) Bromobenzene	12.50	156	87833	38.049	ug/l	93
78) n-propylbenzene	12.57	91	419218	38.440	ug/l	100
79) 2-Chlorotoluene	12.65	91	260393	38.075	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	325193	40.346	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	28818	26.438	ug/l	97
82) 4-Chlorotoluene	12.75	91	268789	38.139	ug/l	99
83) tert-Butylbenzene	12.97	119	273850	40.153	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	309920	40.193	ug/l	100
85) sec-Butylbenzene	13.15	105	352673	39.377	ug/l	99
86) p-Isopropyltoluene	13.26	119	312920	39.361	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	158364	38.401	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	159808	38.636	ug/l	98
89) n-Butylbenzene	13.59	91	239867	35.675	ug/l	99
90) Hexachloroethane	13.85	117	63307	36.943	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	159726	41.313	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	25234	35.939	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	79852	39.224	ug/l	98
94) Hexachlorobutadiene	14.98	225	47776	38.917	ug/l	96
95) Naphthalene	15.10	128	203318	36.896	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	80888	40.099	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

